

FIG. 1 A: Full length Apo-A1 sequence

1

MKAAVLTLAVLFLTGSQARHFWQQDEPPQSPWDRVKDLATVYVD

VLKDSGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFDNLEKE

TEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVEPLRAELQEGARQLHE

194

LQEKLSPPLGEEMRDRARAHDALRTHLAPYSDELQRQLAARLEALKENGARLAEYHA

267

KATEHLSTLSEKAKPALEDLRQGLLPVLESFKVSFLSALEYTKKLNTQ

sig_peptide 20..91

mature_protein 92..820

20 a tgaaagctgc ggtgtcgacc ttggccgtgc ttttcgtac

61 ggggagccag gtcggcatt tctggcagca agatgaaccc ccccaagagcc cctgggatcg

121 agtgaaggac ctggccactg tgtacgtgga tgtgtcataa gacageggca gagactatgt

181 gtcccagttt gaaggctccg ctttggaaa acagctaaac ctaaagctcc ttgacaaactg

241 ggacagcgtg accttcacct tcagcaagct ggcgaacag ctggccctg tgacccagga

301 gttctggat aacctggaaa aggagacaga gggctgagg caggagatga gcaaggatct

361 ggaggaggta aaggccaagg tgcageccata cttggacgtac ttccagaaga agtggcagga

421 ggagatggat ctatccgcc agaaggtgga gccgtgtgcgc gcagagctcc aagagggcgc

481 ggcgcagaag ctgcacgagc tgcagagaa gctgagccca ctggggagg agatgcgcga

541 ccgcgcgcgc gccccatgtgg acgcgtgcg caacgcatttgc gccccataca ggcacgagct

601 ggcgcgcgc ttggccgcgc gccttgaggc tctcaaggag aacggggcgccagactggc

661 cgagtaccac gccaaggcca cccggatctt gggccatgc acgcgagaagg ccaagccgc

721 gtcgaggac ctccgcctaaag gcctgtgcgc cgtgtggag agcttcaagg tcagttct

781 gagcgtctc gaggagtaca ctaagaagct caacacccag

FIG. 1 B

18K N-terminal fragment

25

DEPPQSPWDRVKDLATVYVD

VLKDSDGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFDNLEKE

TEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVEPLRAELQEGARQKLHE

194

LQEKLSPGEEMRDRARAHVDALRTHLAPYSDEL

92 gatgaaccc cccccagagcc cctgggatcg

121 agtgaaggac ctggccactg tgtacgttga tgtgtcaaa gacageggca gagactatgt

181 gtcccaagttt gaaggcttcg ctttggaaa acagctaaac ctaaagctcc ttgacaacty

241 ggacagegtg acctccacat tcagecaagct ggcggaaacag ctggcccttg tgaccaggaa

301 gttctggat aacctggaaa aggagacaga gggcctgagg caggagatga gcaaggatct

361 ggaggaggtg aaggecaagg tgcagcccta cctggacgac ttcagaaga agtggcagga

421 ggagatggag ctctacegccc agaagggttga gcccgtgcgc gcagagctcc aagagggcgc

481 ggcggagaag ctgcacgagc tgcaagagaa gctgagccca ctgggctgagg agatgcgcga

541 ccggcgccgc gcccattgtgg acgcgtgcg cacgcatttg gccccataca gggacgatct

601 g

FIG. 1 C

13K N-terminal fragment ..

25

DEPPQSPWDRVKDLATVYVD

VLKDSGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFDNLEKE
144
TEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVE

92 gatgaaccc ccccaagacec cctgggatcg

121 agtgaaggac ctggccactg tgtacgtgga tgtgtcaaa gacageggca gagactatgt

181 gtcggcgttt gaaggctccg ccttggaaa acagctaac ctaaagctcc ttgacaactg

241 ggacagcgtg acctccacct tcagcaaget gcgcgaacag ctcggccctg tgaccaggaa

301 gttctggat aacctggaaa aggagacaga gggcctgagg caggatgtg gcaaggatct

361 ggaggaggtg aagggcaagg tgcagcccta cctggacgac ttccagaaga agtggcagga

421 ggagatggag ctctaccgcc agaagggtggaa g

FIG. 1 D

13 K C-terminal fragment.

156

QKLHE

194

LQEKLSPLEEMRDRARAHVDALRTHLAPYSDELRQRLAARLEALKENGGRALAEYHA

267

KATEHLSTLSEKAKPALEDLRQGLLPVLESFKVSFLSALEEYTKKLNTQ

485 cagaag ctgcacgagc tgcaagagaa gctgagccca ctggggcgagg agatgcgcga

541 ccgcgcgcgc gcccattgtgg acgcgtgcg cactgcatctg gccccctaca gcgcgcgcgc

601 gcgcgcgcgc ttggccgcgc gccttgcgc ttcgcaggag aacggggcg ccagactgge

661 cgagtaccac gccaaggcca cccgcgcgcgc ggcgcgcgc aacggagaagg ccaaggccgc

721 gctcgaggac ctccgcgaag gctgtgcgc cttgtggag agttcaagg tcgttttcct

781 gagegcgcgc gaggagtaca ctaagaagct caacacccag

Fig. 2

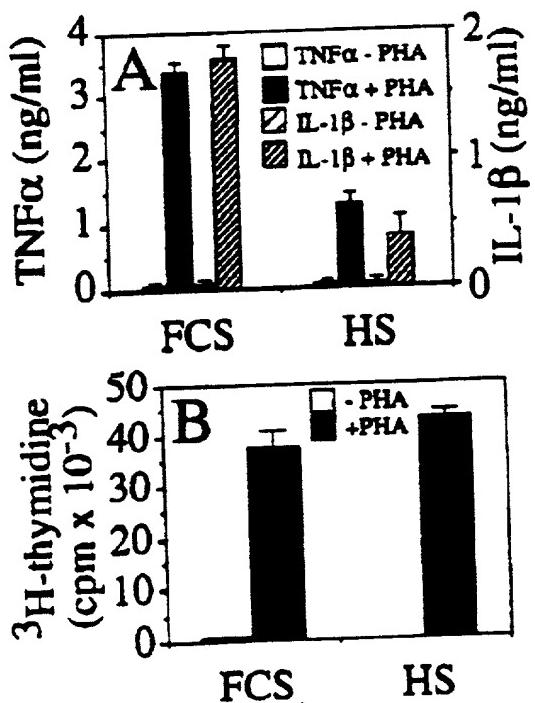


Fig. 3

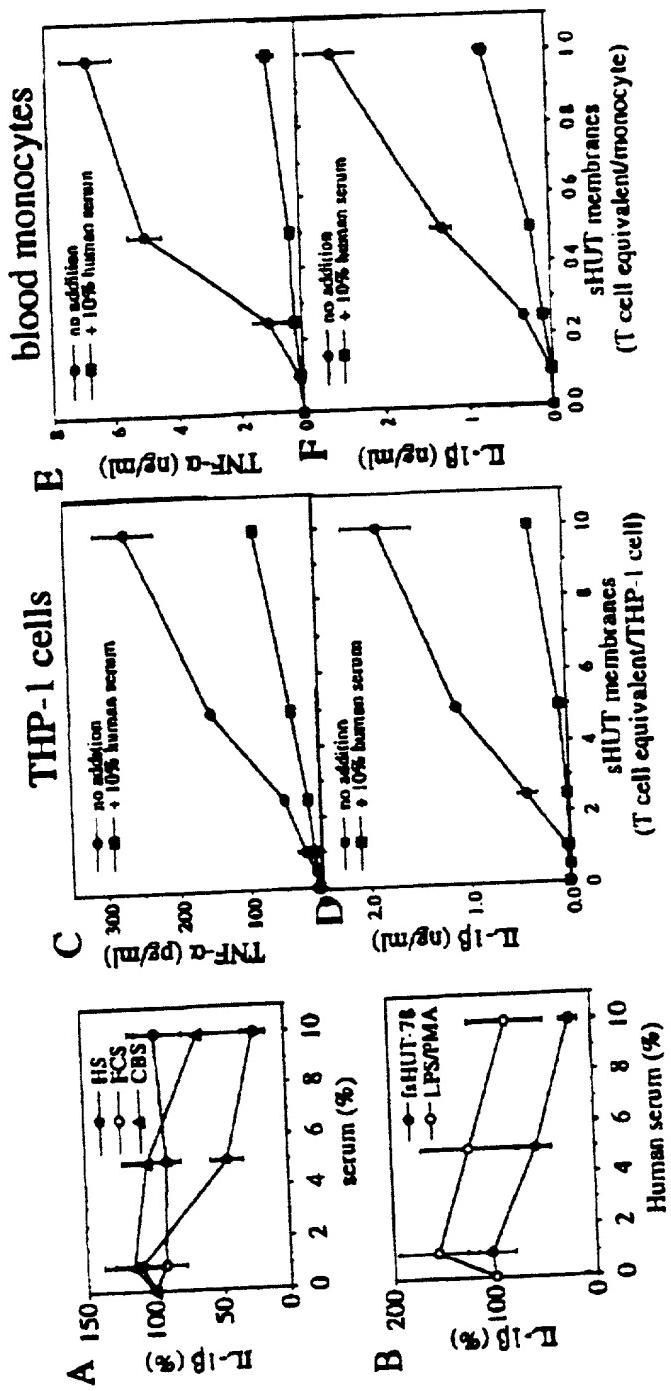


Fig. 4

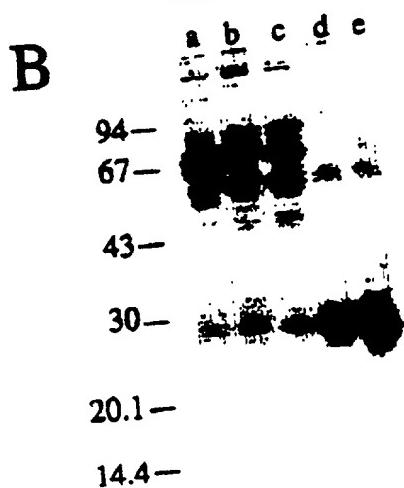
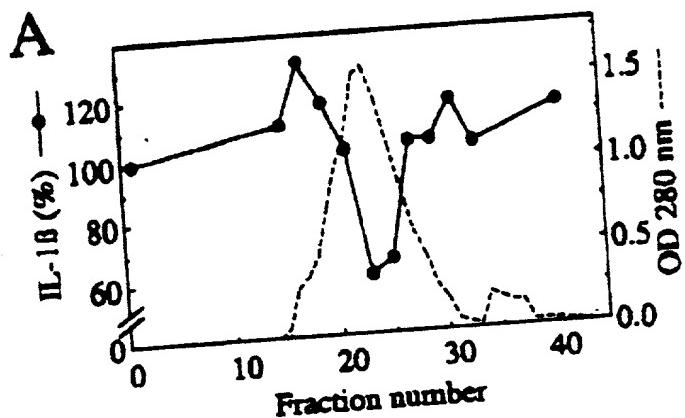


Fig. 5

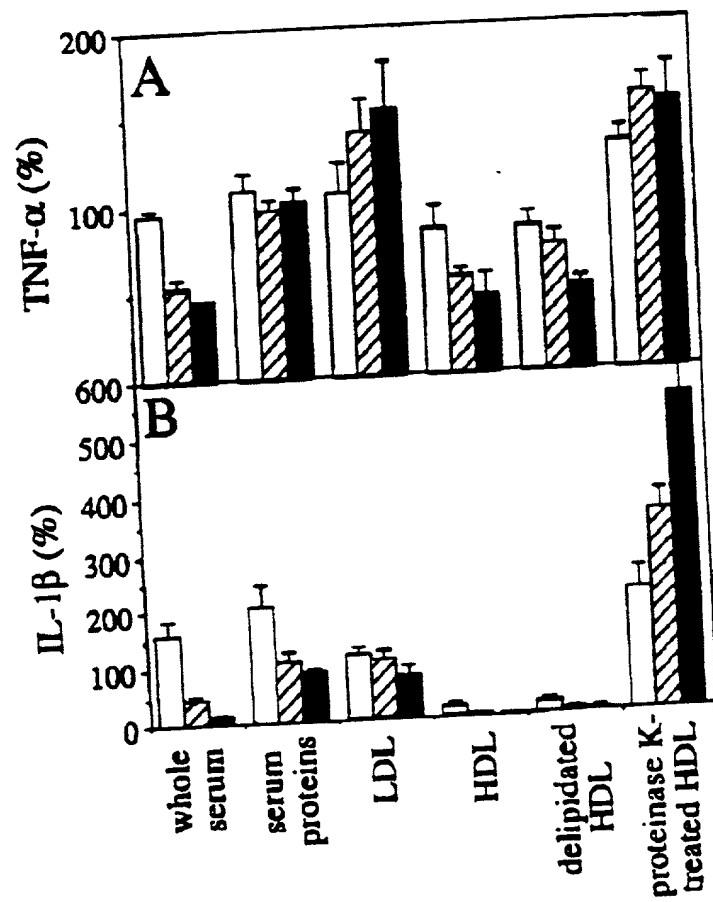


Fig. 6

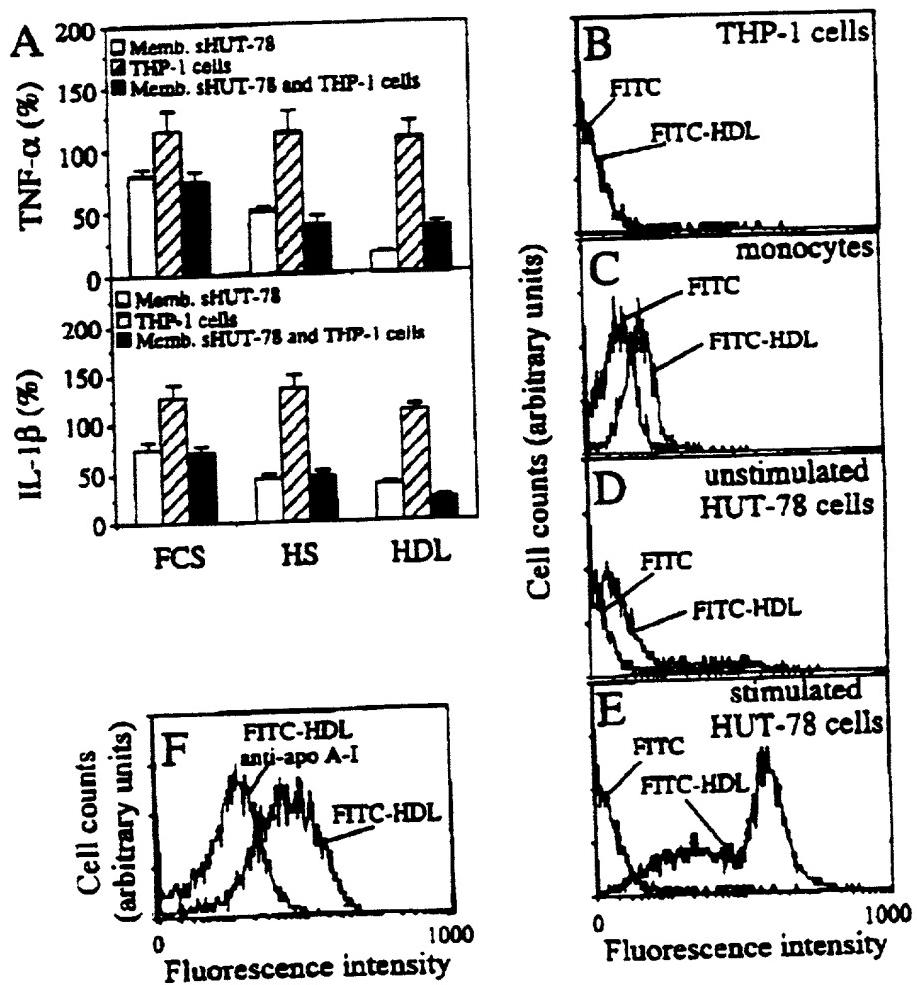


Fig. 7

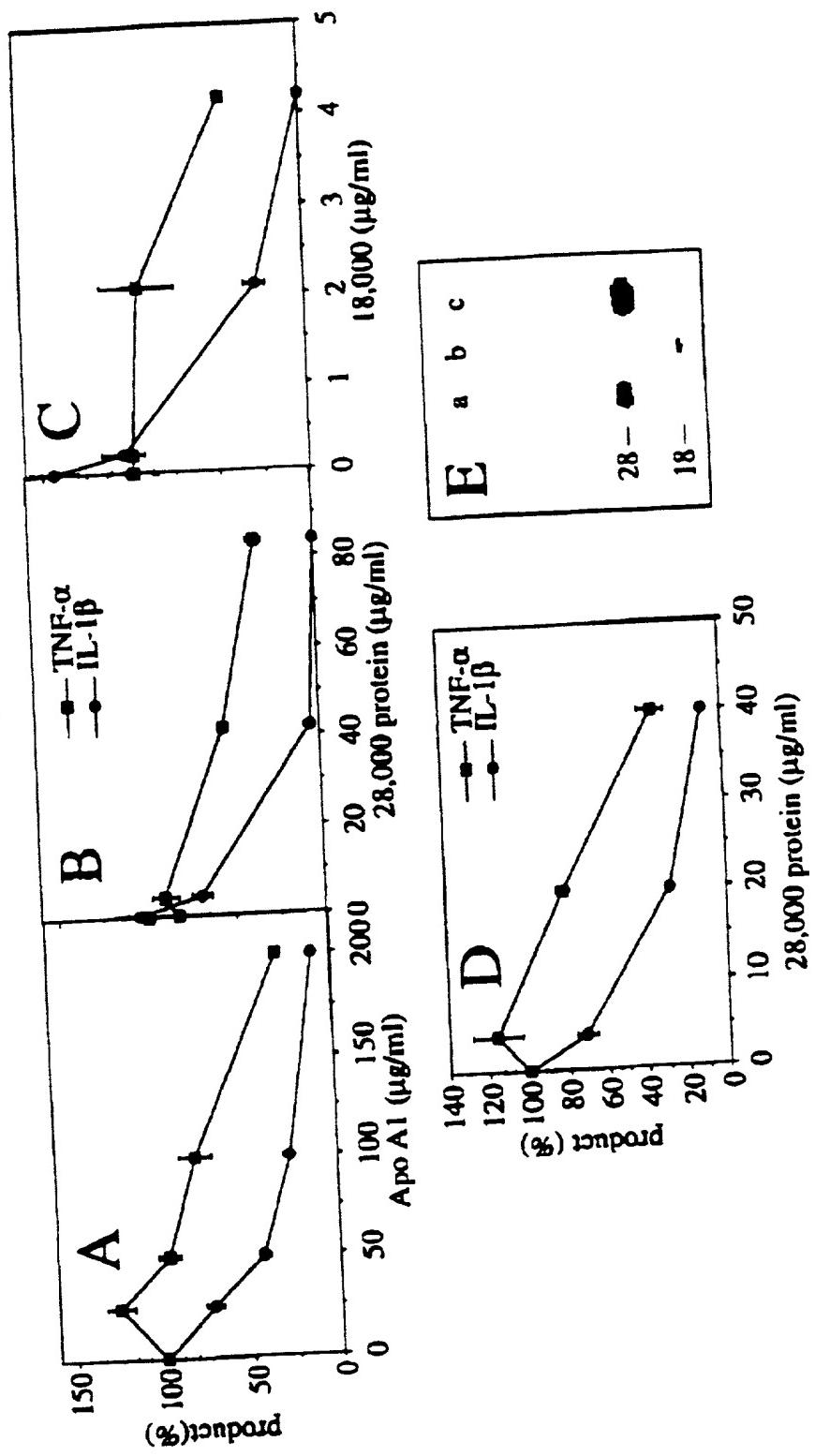


Fig. 8

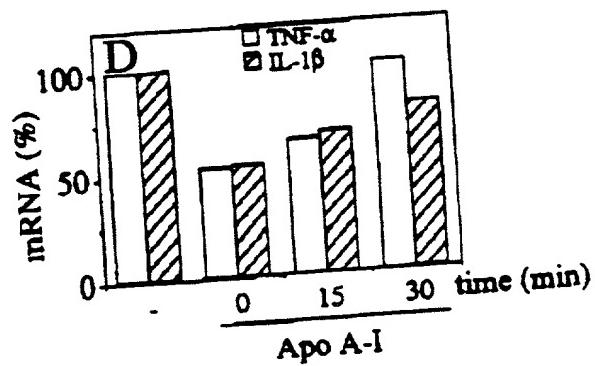
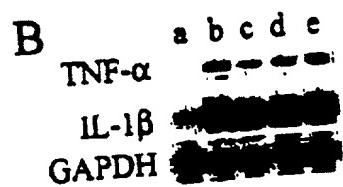
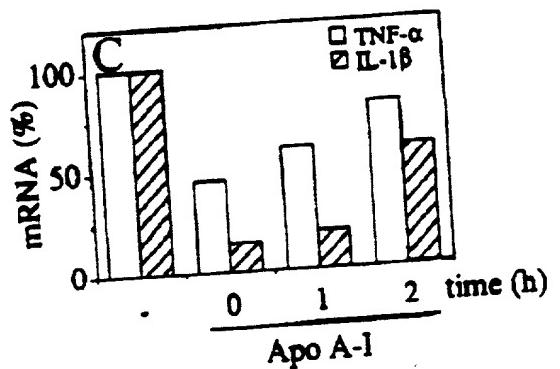
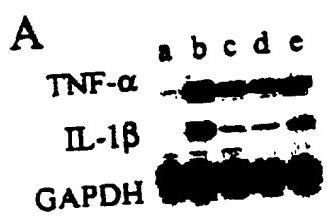


Fig. 9

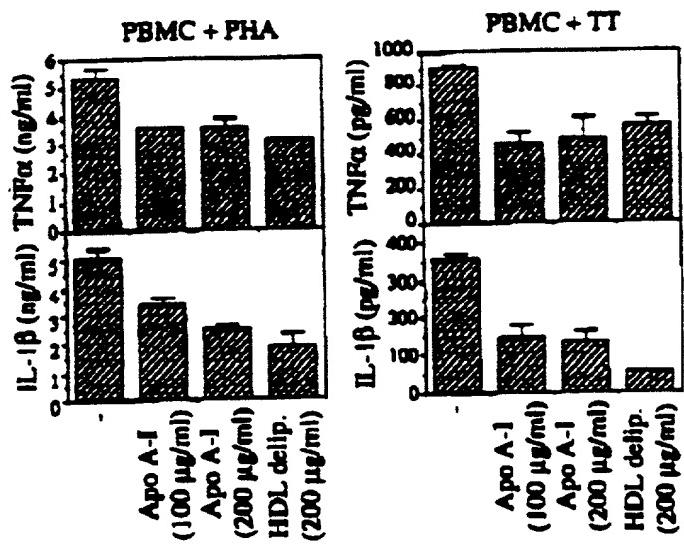


Fig. 10

IL-1 β (pg/ml)

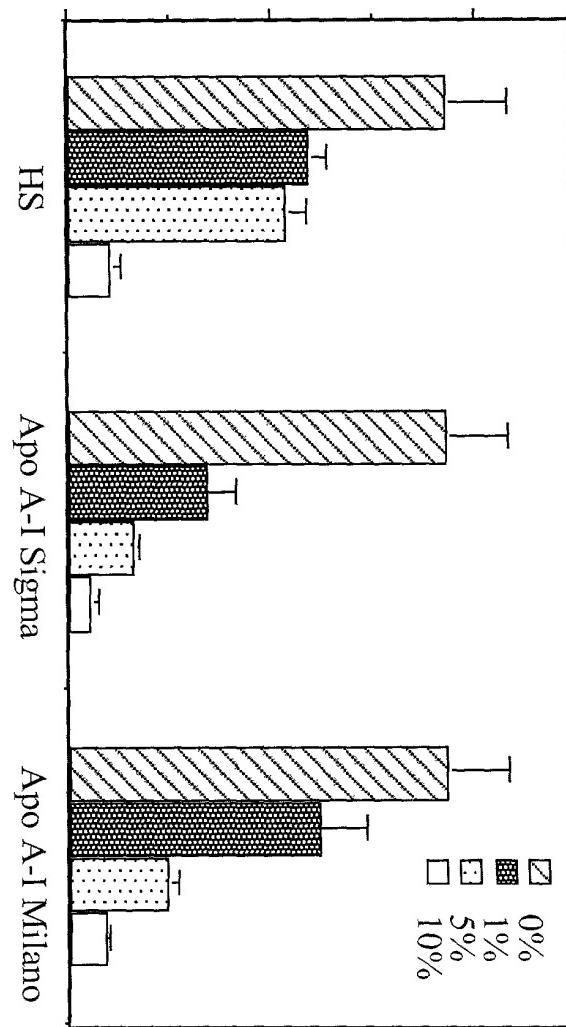


Fig. 11

